Deliverable 1

Problem Statement:

Identify relevant data sources from where a filetype information (as described above) can be extracted based on filename or file extension. List at least 5 relevant sources and explain the rationale on why it should be used.

Identified Data Sources

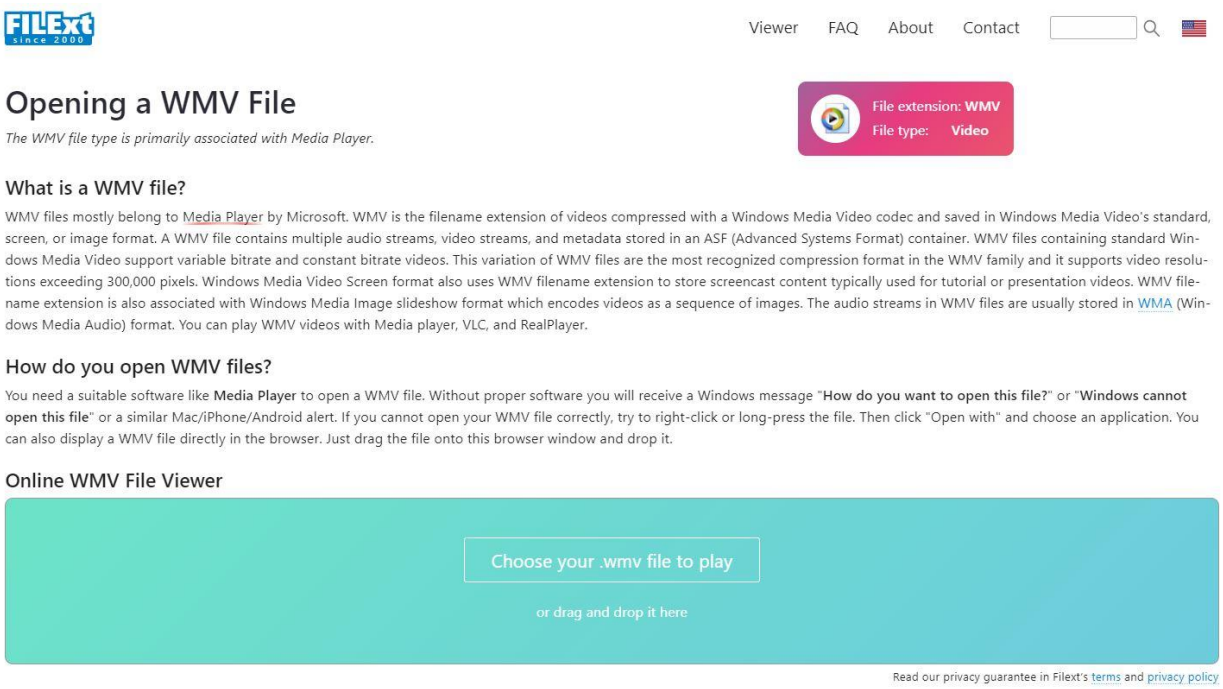
1. File Ext website
2. File Info website
3. metadata2go.com website
4. CheckFileType
5. Detectfiletype website
6. Cryer
7. Webopedia Website
8. Htmlstrip
9. File Stack website

File Ext website:

FILExt is one of the oldest and most respected collections of file formats and file extensions. Over the past 20 years, more than 50 million users have found the right information and tools to open any file on their computer or smartphone. Our knowledge gathered during this period is regularly reviewed and updated. Tom Simondi first provided this information in 2000 as a free online resource for the Internet community.

Link: https://filext.com/

Preview:



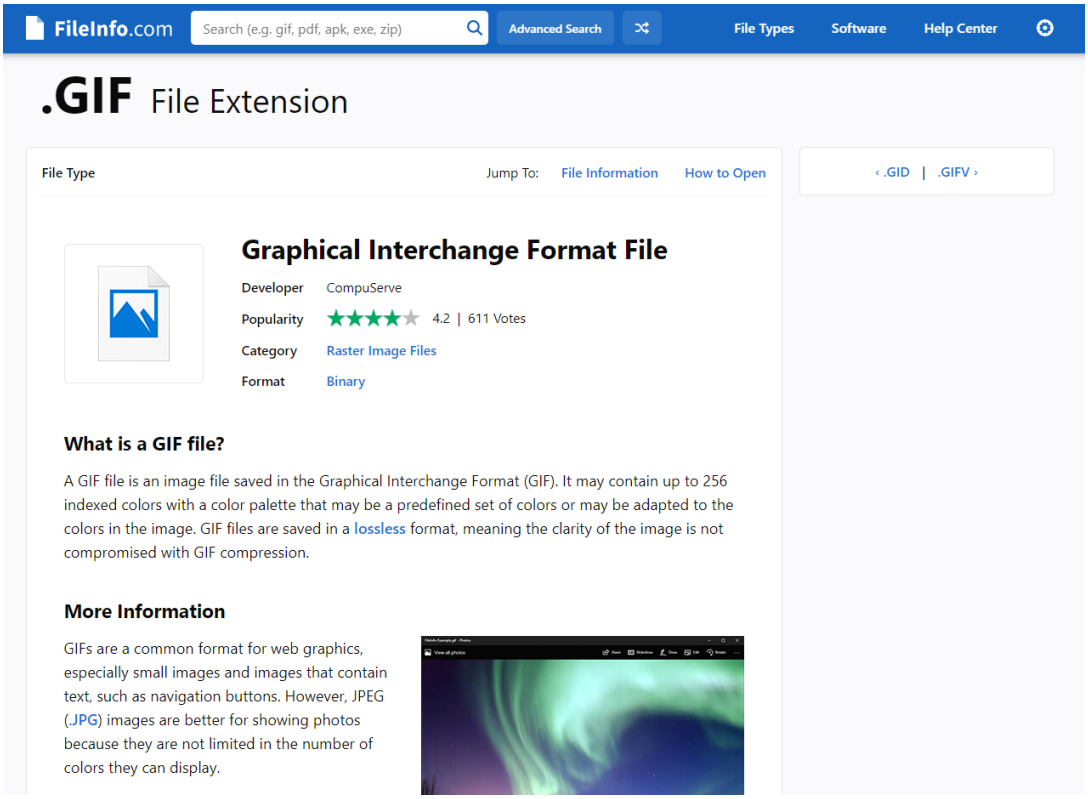
File Info website:

This website, founded in 2005, has been constantly working with developers to create a central file extensions registry. This website has become an authoritative website where developers can submit new file extensions and provide information about file types. Presently it has more than 10000 file extensions with detailed information about the associated file types.

We can scrape data from file Info Website to get all the necessary data related to a file extension. Data which could be scrapped or crawled from this website

Link: https://fileinfo.com/browse/

Preview:



Metadata2go.com website :

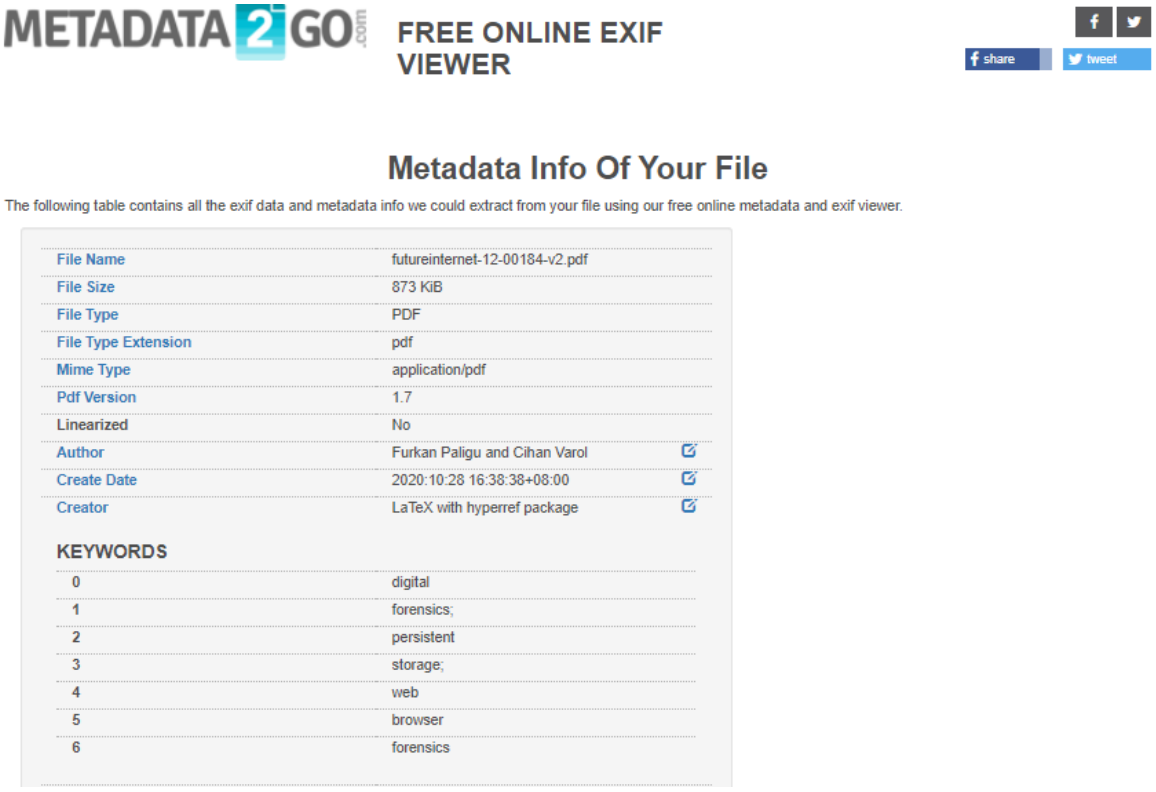
Metadata2Go.com is a free online tool that allows you to access the hidden exif & meta data of your files.
Just drag & drop or upload an image, document, video, audio or even ebook file. We will show you all metadata hidden inside the file!
No matter if image metadata, document information or video exif – we check your file for you!

Metadata is, basically, information about other data.

Many files contain extra or even hidden data other than the visual data you see at first glance. E-books, photographs, movies, music and even documents can contain data that you don’t see at first glance.

Link: https://www.metadata2go.com/

Preview:



CheckFileType

This website is used to determine any file type, file extension, and MIME type based on the file contents.

Link: https://checkfiletype.com/

Preview:

CheckFileType Online - 100% Free & Secure

Determine any file type, file extension, and MIME type based on the file contents

Check out the latest file types detected • Check a File Type

Get Free API Acess by doing any of the following:

1) Link to CheckFiletype.com

If you place a link on a reputable blog, website or forum we will give you API access up to 100 API calls per day. Copy and Paste the following code:

```
<a href="https://www.checkfiletype.com">Online File Type Checker </a>
```

2) Write an article about CheckFiletype.com

Write a blog post or article about CheckFileType.com and earn 300 API calls per day

3) Make a video tutorial about CheckFileType.com>

Once your video is live and on a well visited website we will give you 300 API calls per day.

Once your link, video, or article is ready contact us at api [at] checkfiletype.com

Detectfiletype website :

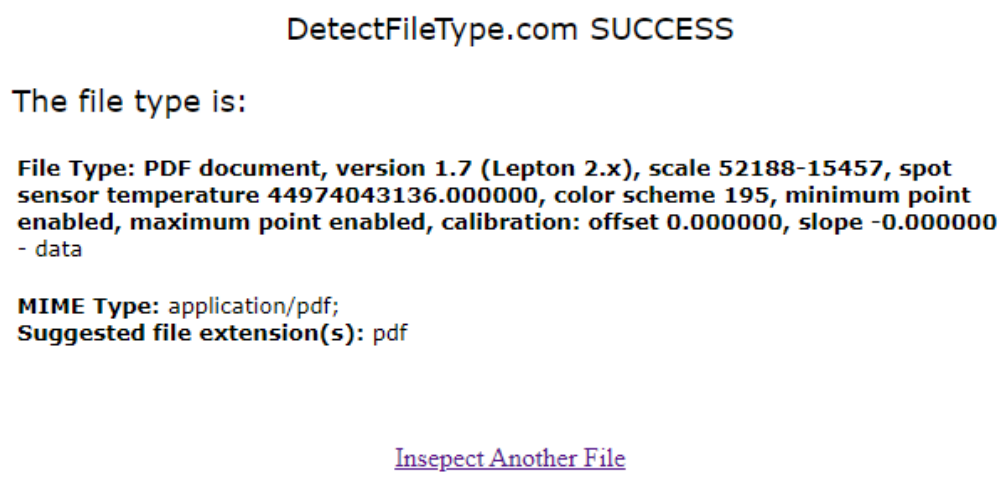
Detectfiletype.com is an online file type detector to determine the true file type based on the file contents, not the extension. For example, just because your file is named "file.doc" it doesn't necessarily mean it's a Word document. It could be any type of file that just has an incorrect extension.

The extension of a file can be misleading since its simply part of the name of the file. If you take an ".gif" file and rename it to ".doc" your operating system can be confused on which application should open the document.

DetectFileType allows you to upload a file and analyze the bits and bytes of it to tell you what is the true filetype of your document.

Link: http://www.detectfiletype.com/

Preview:



Cryer website :

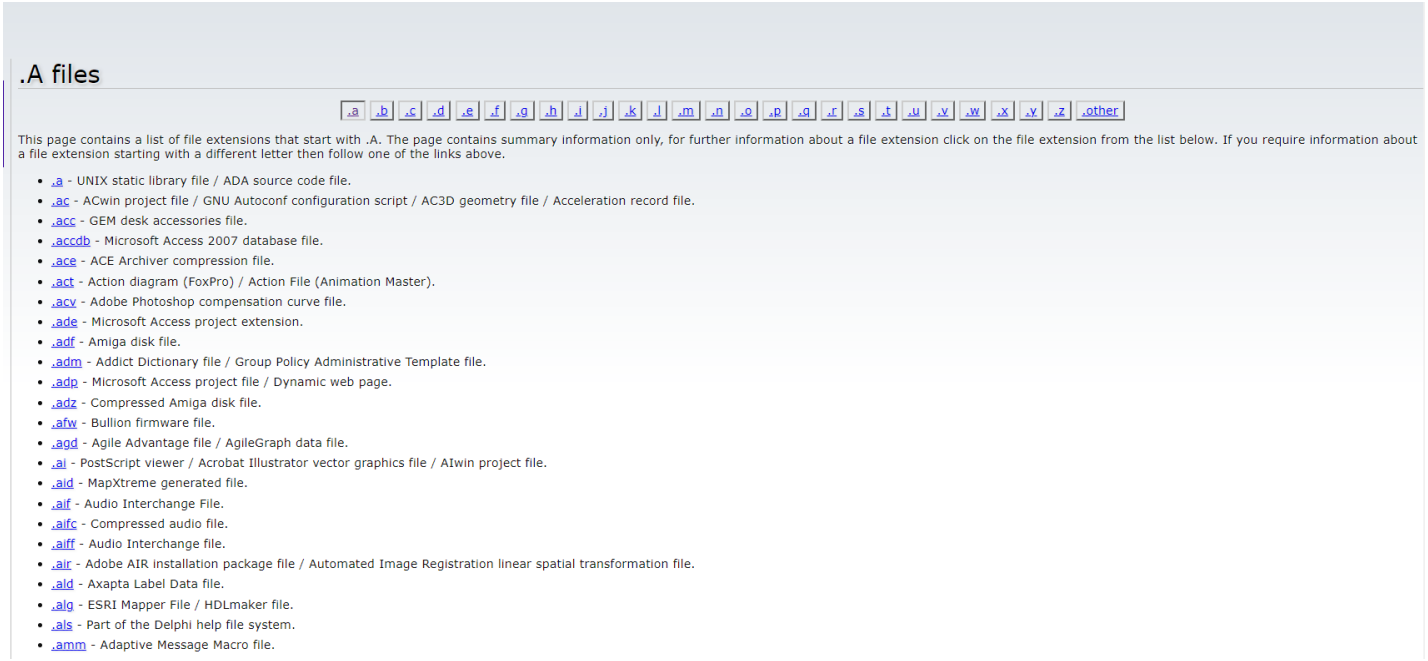
Cryer This list of file types sets out to answer the common question "What is a file of type .x?" or "What is that file extension for?"

A file type is denoted by those letters that follow the last dot in a file name. These letters denote the type of file, and are also commonly known as a file extension. On Windows PCs the file extension may be hidden by Windows, but is still part of the file name.

This list of file types contains a list of file extensions together with a brief description of the type of file that the extension is associated with. Where known, relevant links to external resources are also provided for each file type, such as file format information and applications that can open and work with each file type.

Link: http://www.cryer.co.uk/file-types/

Preview:



.A files

.a .b .c .d .e .f .g .h .i .j .k .l .m .n .o .p .q .r .s .t .u .v .w .x .y .z .other

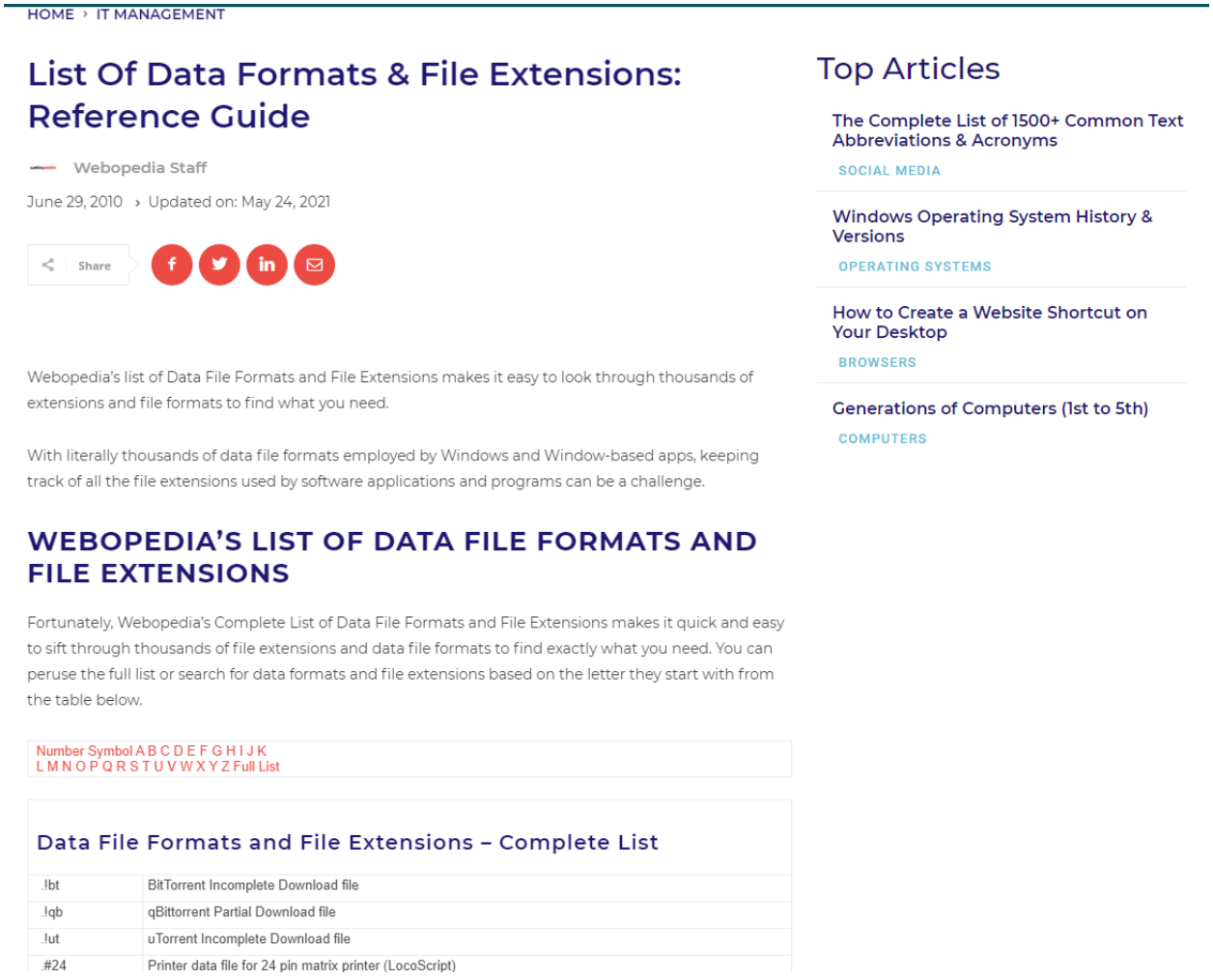
This page contains a list of file extensions that start with .A. The page contains summary information only, for further information about a file extension click on the file extension from the list below. If you require information about a file extension starting with a different letter then follow one of the links above.

- .a - UNIX static library file / ADA source code file.
- .ac - ACwin project file / GNU Autoconf configuration script / AC3D geometry file / Acceleration record file.
- .acc - GEM desk accessories file.
- .accdb - Microsoft Access 2007 database file.
- .ace - ACE Archiver compression file.
- .act - Action diagram (FoxPro) / Action File (Animation Master).
- .acv - Adobe Photoshop compensation curve file.
- .ade - Microsoft Access project extension.
- .adf - Amiga disk file.
- .adm - Addict Dictionary file / Group Policy Administrative Template file.
- .adp - Microsoft Access project file / Dynamic web page.
- .adz - Compressed Amiga disk file.
- .afw - Bullion firmware file.
- .agd - Agile Advantage file / AgileGraph data file.
- .ai - PostScript viewer / Acrobat Illustrator vector graphics file / AIwin project file.
- .aid - MapXtreme generated file.
- .aif - Audio Interchange File.
- .aifc - Compressed audio file.
- .aiff - Audio Interchange file.
- .air - Adobe AIR installation package file / Automated Image Registration linear spatial transformation file.
- .ald - Axapta Label Data file.
- .alg - ESRI Mapper File / HDLmaker file.
- .als - Part of the Delphi help file system.
- .amm - Adaptive Message Macro file.

Webopedia website:

Webopedia is an online tech Dictionary for IT professionals, educators and students which provides definitions to words, phrases and abbreviations related to computing and information technology. So this website is one of the source to find some short description about a given file extension. But its worth noting that this website may not be updated frequently and has very less number of file extensions

Link:
https://www.webopedia.com/reference/data-formats-and-file-extensions/
Preview:



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List Of Data Formats & File Extensions: Reference Guide

Webopedia Staff

June 29, 2010 › Updated on: May 24, 2021

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Webopedia's list of Data File Formats and File Extensions makes it easy to look through thousands of extensions and file formats to find what you need.

With literally thousands of data file formats employed by Windows and Window-based apps, keeping track of all the file extensions used by software applications and programs can be a challenge.

WEBOPEDIA'S LIST OF DATA FILE FORMATS AND FILE EXTENSIONS

Fortunately, Webopedia's Complete List of Data File Formats and File Extensions makes it quick and easy to sift through thousands of file extensions and data file formats to find exactly what you need. You can peruse the full list or search for data formats and file extensions based on the letter they start with from the table below.

Number Symbol A B C D E F G H I J K
L M N O P Q R S T U V W X Y Z Full List

Data File Formats and File Extensions – Complete List

.!bt	BitTorrent Incomplete Download file
.!qb	qBittorrent Partial Download file
.!ut	uTorrent Incomplete Download file
.#24	Printer data file for 24 pin matrix printer (LocoScript)

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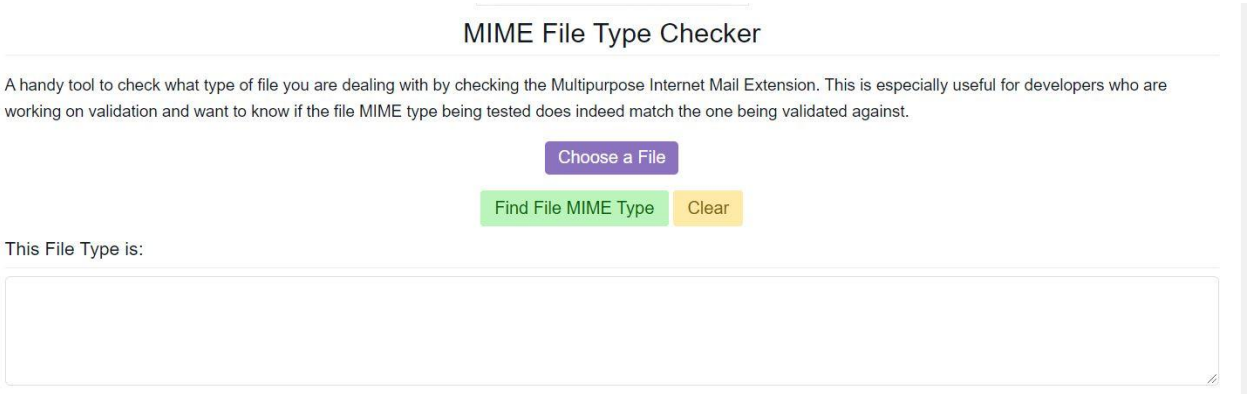
Htmlstrip:

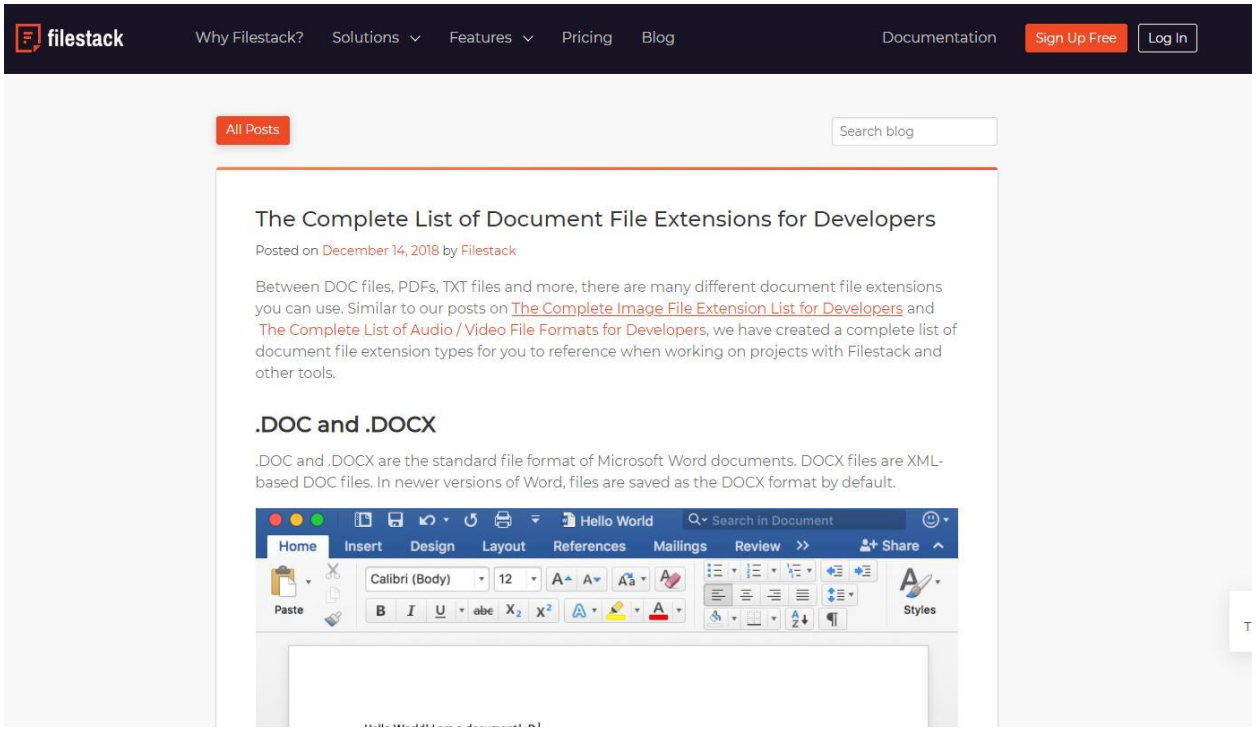
Htmlstrip is a handy tool to check what type of file you are dealing with by checking the Multipurpose Internet Mail Extension. This is especially useful for developers who are working on validation and want to know if the file MIME type being tested does indeed match the one being validated against.It takes your upload and stores a temporary file, which is then inspected to see what the MIME type is. It does not rely on the file extension to complete the task. All files uploaded via the https protocol and are immediately deleted after inspection. Max file upload size: 50MB (this can be raised).

Link: https://www.htmlstrip.com/mime-file-type-checker



Filestack Website:

Filestack is a set of tools and powerful APIs that allow you to upload, transform and deliver content easily. Our beautiful UI integrations provide great experiences to your users and our powerful APIs let you quickly and seamlessly oversee all your file management needs. Filestack's scalable infrastructure powers billions of uploads, transformations and downloads every month providing great performance to users anywhere in the world.

Link:https://blog.filestack.com/thoughts-and-knowledge/document-file-extensions-list/

Preview: